

07/21/00

JC880 U.S. P. 10

07-24-00

PTO 13 U.S. P. 10

09/621527

07/21/00

Use type a plus sign (+) inside this box → ☒Approved for use through 09/30/2000. OMB 0651-0001  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.	ADACHI P188USP1
First Inventor or Application Identifier	Mitsuhiko INAGUMA et al.
Title	IN-BUILDING CATV SYSTEM, DOWN-CONVERTER, UP-CONVERTER AND AMPLIFIER
Express Mail Label No.	EL469353238US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- |   |   |
|---|---|
| <p>1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages <b>80</b>]<br/>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <b>12</b>]</p> <p>4. Oath or Declaration [Total Pages <b>1</b>]</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))<br/>(for continuation/divisional with Box 17 completed)<br/>[Note Box 5 below]</li> <li>i. <input type="checkbox"/> DELETION OF INVENTOR(S)<br/>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</li> </ul> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked)<br/>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> | <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Copy</li> <li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul> |
|---|---|

## ACCOMPANYING APPLICATION PARTS

- |  |
|--|
| 8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))  |
| 9. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br>(when there is an assignee)                                    |
| 10. <input type="checkbox"/> English Translation Document (if applicable)  |
| 11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations  |
| 12. <input type="checkbox"/> Preliminary Amendment   |
| 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>(Should be specifically itemized)  |
| 14. <input type="checkbox"/> * Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired (PTO/SB/09-12) |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)  |
| 16. <input checked="" type="checkbox"/> Other: .. Express Mail Certificate, Submission of Inc. Appln.  |

\* NOTE FOR ITEMS 1 &amp; 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.27).

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)of prior application No: 09 / 507,712

Prior application information: Examiner

Group / Art Unit: 3662

## 18. CO

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Name (Print/Type)

Michael J. Bujold

Registration No. (Attorney/Agent)

32,018

Signature

Date

7/21/00

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Practitioner's Docket No.: ADACHI P188USP1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10813 U.S. PTO  
09/621527  
07/21/00

In re application of: : **Mitsuhiko INAGUMA, Shigemitsu TORIYAMA and  
Yasuo NAKAYAMA**

Serial No.:

Group No.: 3662

Filed:

Examiner:

For: **IN-BUILDING CATV SYSTEM, DOWN-CONVERTER, UP-CONVERTER  
AND AMPLIFIER**

**Assistant Commissioner for Patents  
Washington, D.C. 20231**

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number: **EL469353238US**

Date of Deposit: July 21, 2000

I hereby state that the following attached paper or fee:

**Fee Transmittal Ltr 1 pg.;  
Patent Application Transmittal-1 pg;  
Specification/Claims/Abstract- 80 pgs.;  
Drawings- 12 pgs.;  
Submission of Incomplete Application;  
Return Postcard**

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

Michael J. Buiold

  
Signature of person mailing paper or fee

NOTE: *The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.*

7/21/00

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Mitsuhiro INAGUMA, Shigemitsu TORIYAMA and  
Yasuo NAKAYAMA  
Serial no. :  
Filed :  
For : IN-BUILDING CATV SYSTEM, DOWN-  
CONVERTER AND AMPLIFIER  
Group Art Unit : 3662  
Examiner :  
Docket : ADACHI P188USP1

The Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**SUBMISSION OF INCOMPLETE APPLICATION**

Dear Sir:

Submitted herewith is a transmittal letter and accompanying application documents which are incomplete due to the omission of a Declaration and Power of Attorney and the official fees. The Applicant is Mitsuhiro INAGUMA of c/o MASPRODENKOH KABUSHIKIKAISHA, 80, Johnoh, Asada-cho, Nisshin-shi, Aichi-ken, 470-0194, Japan; Shigemitsu TORIYAMA of c/o MASPRODENKOH KABUSHIKIKAISHA, 80, Johnoh, Asada-cho, Nisshin-shi, Aichi-ken, 470-0194, Japan and Yasuo NAKAYAMA of c/o MASPRODENKOH KABUSHIKIKAISHA, 80, Johnoh, Asada-cho, Nisshin-shi, Aichi-ken, 470-0194, Japan.

This application claims priority from Japan Application No. 11-209551 filed July 23, 1999, Japanese Application No. 11-295613 filed October 18, 1999 and Japanese Application No. 2000-41099 filed February 18, 2000.

Other details concerning the filing of this application can be found on the accompanying transmittal letter.

Respectfully submitted,

  
Michael J. Bujold, Reg. No. 32,018

**Customer No. 020210**

Davis and Bujold

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500 North Commercial Street

Manchester NH 03101

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Facsimile 603-624-9229



# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)-0-

## Complete if Known

Application Number  
Filing Date  
First Named Inventor Mitsuhiko INAGUMA et al.  
Examiner Name  
Group / Art Unit 3662  
Attorney Docket No. ADACHI P188USP1

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

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Account  
Number

Deposit  
Account  
Name

- ☐ Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17

2. ☐ Payment Enclosed:

- ☐ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	690
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$) 690

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
24	20** = 4	18	72
1	3** = 0	0	0
Multiple Dependent			

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 78	202 39	Independent claims in excess of 3	
104 260	204 130	Multiple dependent claim, if not paid	
109 78	209 39	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 72

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) -0-

## SUBMITTED BY

Name (Print/Type) Michael J. Bujold

Signature

Registration No. 32,018

(Attorney/Agent)

## Complete (if applicable)

Telephone 603-624-9220

Date 7/21/00

## WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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